

What is claimed is:

- 1 1. A syringe and nozzle tip assembly, comprising:
2 a syringe having a syringe barrel with a front end and a rear end, a piston slidably mounted
3 in the syringe barrel, and a plunger connected to the piston and extending rearwardly through the rear end
4 of the syringe barrel; and
5 a nozzle tip having a flange, a sleeve frictionally mounted on the front end of the syringe
6 barrel, and a neck with a curved portion and a passage therethrough, wherein the flange includes a recess
7 disposed therein and a filter mounted in the recess.

- 1 2. The syringe and nozzle tip assembly of claim 1, wherein the filter comprises a screen
2 and the screen and curved neck portion are integral with the nozzle tip.

- 1 3. The syringe and nozzle tip assembly of claim 2, wherein the screen has a mesh size of
2 about 105 microns.

- 1 4. The syringe and nozzle tip assembly of claim 1, wherein the outer surface of the syringe
2 barrel is substantially smooth.

- 1 5. The syringe and nozzle tip assembly of claim 1, wherein the recess and filter are
2 configured so that the filter does not contact the end of the syringe barrel.

- 1 6. The syringe and nozzle tip assembly of claim 1, wherein the syringe barrel is transparent.

- 1 7. The syringe and nozzle tip assembly of claim 1, wherein the syringe barrel is made of
2 a material selected from the group consisting of glass and plastic.

1 8. The syringe and nozzle tip assembly of claim 1, wherein the nozzle tip and filter are made
2 of low density polyethylene.

1 9. The syringe and nozzle tip assembly of claim 1, wherein the nozzle tip is adapted to
2 retain bone regeneration material in the syringe barrel.

1 10. The syringe and nozzle tip assembly of claim 1, wherein the flange includes a surface
2 adapted to seat against the syringe barrel when mounted thereon.

1 11. The syringe and nozzle tip assembly of claim 1, wherein the nozzle tip is mounted solely
2 by friction fit.

1 12. A syringe and nozzle tip assembly, comprising:
2 a syringe; and
3 a nozzle tip frictionally mounted on an end of the syringe, the nozzle tip comprising a sleeve,
4 a flange having a surface adapted to seat against the end of the syringe when the nozzle tip is mounted
5 thereon and a recess disposed therein, a filter mounted in the recess, and a neck having a curved portion
6 and a passage extending therethrough.

1 13. The syringe and nozzle tip assembly of claim 12, wherein the nozzle tip is mounted
2 solely by friction fit.

1 14. The syringe and nozzle tip assembly of claim 12, wherein the filter is removable.

1 15. A syringe and nozzle tip assembly, comprising:
2 a syringe; and
3 a nozzle tip mounted on an end of the syringe, the nozzle tip comprising a sleeve, a flange
4 having a surface adapted to seat against the end of the syringe when the nozzle tip is mounted thereon and
5 a recess disposed therein, a filter mounted in the recess, and a neck having a curved portion and a passage
6 extending therethrough, wherein the recess and filter are configured so that the filter does not contact the
7 end of the syringe.

1 16. The syringe and nozzle tip assembly of claim 15, wherein the filter is removable.

1 17. The syringe and nozzle tip assembly of claim 15, wherein the nozzle tip is mounted
2 frictionally.

1 18. The syringe and nozzle tip assembly of claim 17, wherein the nozzle tip is mounted
2 solely by friction fit.